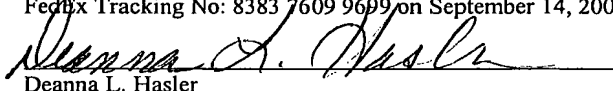


Certificate Under 37 CFR 1.8(a)

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**Technology Center 2100**

**PATENT**

**Case No.: 10022/041**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Scott R. Sargent	)	Group Art Unit: 2155
	)	
Serial No.: 09/677,074	)	Examiner: Michael Young Won
	)	
Filed: September 29, 2000	)	Confirmation No. 2139
	)	
For: BASE SERVICE ARCHITECTURES	)	
FOR NETCENTRIC COMPUTING	)	
SYSTEMS	)	

**DISCLOSURE OF PRIOR ART UNDER 37 C.F.R. § 1.56**

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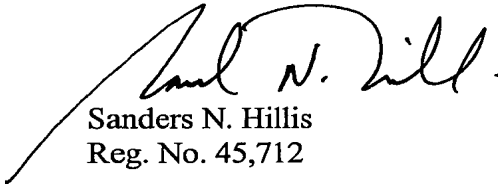
Dear Sir:

In connection with the examination of the above-identified application, the applicant, through the subscribing attorney, hereby invites the Examiner's attention to the enclosed list of prior art.

Also enclosed are copies of a Request for Continued Examination and a Preliminary Amendment in the above-referenced application, which is being transmitted simultaneously herewith under separate cover, via express mail, Express Mail Label No. EV425069478US.

While the attached list of prior art is believed to include the closest prior art of which the applicant is presently aware, the applicant does not represent that any search for prior art has necessarily been made nor that no better prior art exists. For the convenience of the Examiner, a copy of each piece of prior art listed is attached hereto.

Respectfully submitted,



Sanders N. Hillis  
Reg. No. 45,712

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One Indiana Square, Suite 1600  
Indianapolis, Indiana 46204-2033  
Telephone: (317) 636-0886  
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FORM PTO-1449	SERIAL NO. 09/677,074	CASE NO. 10022/041
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE September 29, 2000	GROUP ART UNIT 2183
(use several sheets if necessary)		APPLICANT(S): Scott R. Sargent

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A1	EP 0520923 A2	Europe	G06F 15/21	
	A2	EP 0697655 A2	Europe	G06F 9/46	
	A3	EP 0697691 A2	Europe	G09G 5/14	
	A4	EP 0769739 A2	Europe	G06F 9/44	
	A5	EP 0810520 A1	Europe	G06F 9/44	
	A6	EP 0829808 A2	Europe	G06F 13/38	
	A7	EP 0915422 A1	Europe	G06F 11/22	
	A8	GB 2315891 A	United Kingdom	G06F 17/30	
	A9	WO 92/20022	PCT	G06F 1/00	
	A10	WO 97/12311	PCT	G06F	
	A11	WO 98/52121	PCT	G06F 11/32	
	A12	WO 98/53396	PCT	G06F 9/44	
	A13	WO 98/54660	PCT	G06F 17/30	
	A14	WO 98/57260	PCT	G06F 9/44	
	A15	WO 99/38079	PCT	G06F 13/00	

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
	A16	Billy B.L. Lim, "Teaching web development technologies in CS/IS curricula," ACM, copyright 1998, pp. 107-111
	A17	Litoiu et al., "A performance engineering tool and method for distributed applications," ACM, pp. 1-14
	A18	Zoller et al., "A toolkit for an automatic, data dictionary based connection of databases to the WWW," ACM, copyright 1998, pp. 706-718
	A19	McDowell et al., "Unloading Java classes that contain static fields," ACM, v. 33(1), 10/15/1997, pp. 56-60
	A20	Orfali, R., Harkey, D., "Client/Server Programming with OS/2 2.0 (2nd Ed.)" 1992, Van Nostrand Reinhold New York, U.S., pp. 10-24, 111-137, 149-160, 588-594, XP002164217, ISBN 0-442-01219-5
	A21	Orfali, R., Harkey, D., Edwards, J., "Intergalactic Client/Server Computing," Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp. 108-110, 114, 11, XP000501823, ISSN: 0360-5280;
	A22	Smeets, J., Boyer, S., "Internet and Client Server Patent Information Systems: New Services from Derwent," World Patent Information, GB, Elsevier Sciences Publishing, Barking, Vol. 20, No. 2, June 1998, pp. 136-139, XP004165804, ISSN 0172-2190
	A23	Orfali, R., Harkey, D., "Client/Server With Distributed Objects," Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp 151-152, 154, 156, XP000501827, ISSN 0360-5280

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<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE September 29, 2000	GROUP ART UNIT 2183
(use several sheets if necessary)		APPLICANT(S): Scott R. Sargent

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	A24	Aoyama, M., Hanai, Y., Suzuki, M., "An Integrated Software Maintenance Environment: Bridging Configuration Management and Quality Management," Proceedings of the Conference on Software Maintenance, International Conference on Software Maintenance, Washington, US, IEEE Computer Society Press, 24 October 1988 pp. 40-44
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	A26	Tanenbaum, A., "Computer Networks - Third Edition," Prentice-Hall International, London, GB, 1996, pp. 28-39, XP002161723
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	A28	IBM Technical Disclosure Bulletin, "Security, License Management and Application Metering Process for Controlling Applications in the DOS Environment," IBM Corp., New York, US, Vol. 37, No. 11, pp 195-199, 1 Nov. 1994
	A29	Voth, G.R., Kindel, C., Fujioka, J., "Distributed Application Development for Three-Tier Architectures: Microsoft on Windows DNA," IEEE Internet Computing Vol. 2, No. 2, March/April 1998, USA
	A30	Lambert, N., "A New Patent Search Tool For The Internet. Q-PAT US." Database, US, Cincinnati, Vol. 19, No. 4, 1 August 1996
	A31	Abdel-Mottaleb, M., Hsiang-Lung, W., Dimitrova, N., "Aspects of Multimedia Retrieval," Philips Journal of Research, NL, Elsevier, Amsterdam, Vol. 50, No. 1, 1996, pp. 227-251
	A32	Olson, M.A., "DataBlade extensions for INFORMIX-Universal Server," Compcon '97 Proceedings, IEEE, 1997, pp. 143-148
	A33	Chamberlin, D.D., "Evolution of Object-Relational Database Technology in DB2," Compcon '97 Proceedings, IEEE, 1997, pp. 131-135
	A34	Nori, A.K., Kumar, S., "Bringing Objects to the Mainstream," Compcon '97 Proceedings, IEEE, 1997, pp. 136-142
	A35	"Data Joiner: A Multidatabase Server Version 1," White Paper, IBM Data Management Solutions, IBM, USA, second edition (May 1995)
	A36	"Effective Systems management for DB2 Universal Database," White Paper, IBM Data Management Solutions, IBM, USA, first edition (December 1996)
	A37	Pleas, K., "Ole's Missing Links," BYTE, McGraw-Hill Inc., St. Peterborough, US, Vol. 21, No. 4, 1 April 1996, pp. 99-102 X-000586036, ISSN 0360-5280
	A38	Burke, M.G., Choi, J.D., Fink, S., Grove, D., Hind, M., Sarkar, V., Serrano, M.J., Sreedhar, V.C., Srinivasan, H., "The Jalapeno Dynamic Optimizing Compiler for Java," Java '99, San Francisco, CA, US, ACM 12 June 1999, pp. 129-141 XP002134655
	A39	Cramer, T., Friedman, R., Miller, T., Seberger, D., Wilson, R., Wolczko, M., "Compiling Java Just in Time," IEEE Micro, IEEE Inc., New York, US, Vol. 17, No. 3, 1 May 1997, pp. 36-43 XP000656035, ISSN: 0272-1732
	A40	Bank, J.S., "Java Security," 8 December 1995, pp. 1-13, X-002092325
	A41	Koved, L., Nadalin, A.J., Neal, D., Lawson, T., "The Evolution of Java Security," IBM, The Ultimate Resource for Java Developers, 1998, pp. 1-14, XP002144222
	A42	North, K., "Database Programming with OLE and ActiveX," DBMS, US, M&T Publ., Redwood City, CA, US, 11-1996, pp. 1-8

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